

**REMARKS**

The recitation of “cadmium salts, zinc salts, cadmium oxide, zinc oxide, organocadmium compounds, and organozinc compounds” in claim 1 finds support in the specification at page 6, paragraph 20, lines 24-26; the recitation of “elemental chalcogen and a chalcogen-containing compound” finds support at page 6, paragraph 20, lines 26-27; and the recitation of “a reaction promoter” finds support at page 9, paragraph 27, lines 11-12. The recitation of a “shell [comprising] ... a member selected from the group consisting of CdS, CdSe, ZnS, ZnSe, ZnTe, and alloys and mixtures thereof” in claim 24 finds support at page 5, paragraph 17, lines 20-25. The recitation of heating the nanocrystal-forming reactants in claim 50 finds support at page 8, paragraph 26, lines 31-33. The recitation of a coordinating solvent in claim 51 finds support at page 3, paragraph 07, line 13. The recitation of a coordinating additive in claim 52 finds support at page 7, paragraph 22, line 17. The recitation of “oxygen and a reducing agent” in claim 53 finds support at page 10, paragraph 31, lines 22-26. No new matter is presented by this amendment.

Respectfully submitted,



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